MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements of cc roads & Rcc Drains at Right side cross Roads of 27th main road Kuvempu Nagara & Surrounding area in ward No 05						
	Job code:- 005-20-000085						
	Est cost:- 99.00 Lakhs						
	Agency:- Executive Engineer, KRIDL						
	Work order:- BBMP/EE/BTP/WO/247/19-20						
	Dt 21/3/20						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(1) Earth work for roads drain soil involving sides neatly be levelled clod etc. com Qty is tran
	Rate

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		rovements of CC	
		- Right side Cross	
		of Kuvempu Nagara	
		ward No 05	
		000085	
		Engineer, KRIDL	
		p/EE/BTP/W0/247/19-2	

Dt 21/3/20

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500817

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(1) Earth work for roads drains & similar work in ordinary soil involving excavated surface levels & sides neatly dressed the disposed earth to be levelled & neatly after breaking of clods etc complete. Qty is from pre measurement sheet	Excavation by manual means				Qty - 1179.63 m^3	
		Rate 207.00/m^3				= 244891=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) providing & laying in position P.c.c 1:3:6 with 40 m.m & down size graded granite metal coarse aggregates & fine aggregates M/c mixed concreate laid in layers not exceeding 15 c.m thick well compacted in all foundation plinth & cills including cost of all materials curing etc complete						
	Qty is from pre measurment sheet						
	Item no 2 page no 104 Qty - 270.932 m^3						
	@ Rate 5509.33/ m^3 = 1492643 =00						
	(3) providing & laying plain/ reinforced c.c for						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Side drains with 20 m.m coarse aggr well compact Shuttering curing etc Qty page

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500818

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side drains using M20 nominal mix with 20mm & down size granite metal coarse aggregates & fine aggregates well compacted for wall & bottom including Centering Shuttering cost of materials Hom of machinery curing etc complete. Qty is from measurement sheet page No 1-3 & Item No 3 @ Rate 7189.42/m³					Qty = 308.72m³ = 221917=00	Concreate metal M/C mixed

K

Depth 6	Contents 7	Reference to last Measurement 8
	P.C.C 1:3:6	
	des granite metal	
	regates M/C mixed	
	not exceeding	
	s in all foundation	
	& all materials	
	urement sheet	
	Qty - 270.93m³	
	= 149264.3 = 00	
	einforced C.C for	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4) providing T.M.T Steel reinforcement for R.C.C worke including Straightening Cutting bending Hooking required tying with binding wire & anchoring for the adjoining members wherever necessary etc compleate.						
	Qty is from premeasurement sheet item No 4 page 4-8 = 20.64 Tons						
	Rate 72326.98					= 1492879 = 00	
	(5) providing & fixing precast RCC cover slab of 100 mm thick for drain in C.C 1:1.5:3 using						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	graded granit reinforcemen including for concrete f etc com
	Qty is item No
	(6) providing &

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			nforcement - for R.C.C g Cutting bending with binding the ass joining essary etc
			rearmour sheet = 20.64 TOONS =14928=00
			st- Rcc Cover slab m C.C 1:1.5:3 curing

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500819

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	graded granite Jelly 20mm & down size with steel reinforcement & pointing for Joints 1:3 c.M including form work lift- charges curing & concrete finishes Surface on bolh sides etc Compleate Qty is from measurment sheet Item NO 5 page No 3 & 4 Qty - 710.91 m^2 @ Rate 233.7/m^3 =166397=00						
(6)	providing & fixing precast Rcc slabs of 250mm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ulicle for Culverts made of plain/Reinforced C.C design mix M25 with 20m.m & down size graded granite metal coarse aggregate & fine aggregates including cost of all materials Labour HOM curing form work Scaffolding & centering complete & pointing for jointing 1:3 C.M including form work Lift- Charges curing etc complete Qty is from prebreakdown sheet Item No 6 page No 4 - Qty = 56.10 m² Rate $418/m²						= 303950=00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(7)	Scarifying Ulicle along drawing by - bring the ba cost of all Qty i Item N (6)

OK

Depth 6	Contents 7	Reference to last Measurement 8
of plain/Pen thes < 20m.m & down tal coarse aggrete cost of all mate rm work scaffolding & pointing for ing form work complete rm sheet Qty - 56.10m²		
		=303950=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500820

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(7)	Scarifying bituminous coarse 50 m.m to 75 m.m thick along with premix carpet/surface dressing by manual means without disturbing the base & stacking of debries including cost of all labour charges etc compleate Qty is from premeasurment sheet item No 7 page No 8 — @ Rate 95.40/m²					Qty = 66.50m² = 2664=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8) Compaction of original ground with max of 6 passes of 8 to 10 tonnes power roller including filling depressions arising during rolling including cost of all labour HOM & machinery etc complete. Qty is from premeasurement sheet item no 8 page 8 to 9 Qty - 806.50 m² @ Rate 6.26/m² = 5511=00						
	(9) providing laying spreading & compacting crushed stone aggregates of granite/trap/ basalt to wet mix macadam including						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	premixing in a mechanical method & layers with on well pr vibratory ro Qty ie item no @

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
N ground with 10 Tonney power Se prestin ing including cost & chinery etc complet asurement - Sheet - Qty - 866.50 m² = 5511.00			
ading & compacting tes of granite/trap/ manufacturing including			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500821

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	premixing the materials with water at OMC at Mechanical mix plant - carriage of mixed method & tipper to site laying in uniform layers with paver in Sub-base/base course on well prepared surface & compacting with vibratory roller etc compleate. Qty is from premeasurement sheet item no 9 & page no 9 @ Rate 200/- 28/m³					Qty - 129.98 m³ = 260126=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(10) Cement concrete pavement - Construction of un-reinforced P.C.C pavement - 11cm as per design over a prepared sub base with mix & down size graded granite metal coarse aggregates & fine aggregates mixed in a concrete mixer of not less than 0.6 m^3 capacity & appropriate weigh batchers as per approved mix design laid in approved lines including levelling with form work spreading the concrete with shovels rakers compacted curing needle screed & plates vibrator & finishes						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Joints including line & grade Qty as per Item No 10 @ Rate
	(11) Vacuum dewatered matt & compacted with floating Hon of mach

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
urement - Construction			
-c pavement - Licensed			
epared Sub base			
e graded granite			
ts & fine aggregates			
e mixer & not			
& appropriate			
approved mix design			
including levelling			
ating the concrete			
compactes curing			
vibrator & finishes			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500822

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Joint including grooves cutting Charges for filler line & grade etc complete. Qty as per measurement sheet Item No 10 pages 95 & 97 @ Rate 5354.02/m^3					Qty - 129.98 m^3 = 695915=00	
(11)	Vacuum dewatering with Vacuum pump & Suction matt & compaction with Skin floaters dubbed with floating Size including cost of generator HOM of machinery Screed vibratory floaters						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	blade & disc cut with all leads & lifts Qty is from measurement sheet item no 11 & page no 5 @ Rate 72.08/m²					Qty — 866.80 m² = 62457=60	
						Total	8521900=00
						12% charges	= 1022628=00
						4% PWD charges	= 340876=00
						Grand total	9885404=00
	(1) Certified that the above work done satisfactorially						
	(2) The above Bill amount is not claimed any of previous Bills.						

5/10/2020

5/10/2020

5/10/2020

Dec Drain
Rec Culverts
CC Road,

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

5/10/2020

DK

Depth 6	Contents 7	Reference to last Measurement 8
ead & lift		
sheet		
ty — 866.50 m²		
= 62457=00		
tal 8521900=00		
12% = 1022628=00		
4% = 340876=00		
nd Total 9885404=00		
Above work done		
e not claim		

DC Drain
Rcc Culverts
cc Road,

M. A. R. 57 (Rule 116)
Measurement Book

No. B
500823

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd Main Roads.						
	2.20 Rcc Drain		1.9				
	6th B Cross			4.2			
	5th B Cross					29.3	
	6th B Cross						8.4
	7th B Cross						15.5

5/11/2020
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೊಮ್ಮನಹಳ್ಳಿ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೊಮ್ಮನಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೊಮ್ಮನಹಳ್ಳಿ ವಲಯ-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st & Final bill						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3736 ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 9885000=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 1054801=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 8830199=00 ಗಳನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಸಹಿ/ ನಿರ್ವಾಹಕರು ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 30/10 ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 30/10 ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು						
	Bill 9885000=00 IT 197700=00 LC 9885=00 CBF 9885=00 CGST 88259=00 SGST 88259=00 FSD 494250=00 LR 77598=00 TD 1054801=00 Net 8830199=00						

Serial No. .....
Name of Work Construc
Name of Contractor of nature of Age
Date of commencement of work

Date	Full description, etc, of wo
1	2
	Work ord Agency :- (1) Earthwork Similar wo Surface le earth to Clods etc Qty is t